

-1-(Third Amended)

A composition for application to cultivated plants to control weeds comprising:

5 (a) at least one herbicide selected from the group consisting of acetanilides, acetamides, acetolactate synthase inhibitors, isoxazoles, diketonitriles, triketonitriles dinitroanilines, triazines, substituted ureas, ethofumerates, isoxafen, oxodiazon, dithiopyr and combinations thereof; and

10 (b) repellent adjuvant selected from the group consisting of silane, silicone, siliconate and mixtures thereof which are organic for modifying surface properties of the composition so that retention of the composition on foliage of the cultivated plant is reduced, wherein the composition bounces off the plant
15 into the soil and the composition to reduce herbicide injury to the cultivated plant by the herbicide and is effective from the soil around the plant to control the weeds.

-24-(Third Amended)

A method for controlling weeds around crop plants crop plants, the steps comprising:

5 (a) providing a herbicidal formulation comprising at least one herbicide selected from the group consisting of acetanilides, acetamides, acetolactate synthase inhibitors, isoxazoles, diketonitriles, triketonitriles dinitroanilines, triazines, substituted

ureas, ethofumerates, isoxafen, oxodiazon, dithiopyr and combinations thereof admixed with a repellent adjuvant selected from the group consisting of silane, silicone, silicate and mixtures thereof which are organic wherein the repellent adjuvant modifies surface properties of the formulation thereby reducing retention of the formulation on foliage of crop plants to reduce herbicide injury to the crop plant by the herbicide but which is effective from the soil; and

(b) applying the formulation to the crop plants wherein the formulation bounces off the foliage onto the soil to control weeds around the plants without injuring the crop plants.

-25-(Third Amended)

A method for controlling weeds around turfgrass, the steps comprising:

(a) providing a liquid dispersion of a herbicidal formulation comprising at least one herbicide selected from the group consisting of acetanilides, acetamides, acetolactate synthase inhibitors, isoxazoles, diketonitriles, triketonitriles dinitroanilines, triazines, substituted ureas, ethofumerates, isoxafen, oxodiazon, dithiopyr and combinations thereof admixed with a repellent adjuvant which is an organosilicate wherein the repellent adjuvant modifies surface properties of the formulation thereby reducing retention of the formulation on foliage of the turfgrass to reduce

herbicide injury to the turfgrass by the herbicide but
which is effective against the weeds from the soil; and

(b) applying the formulation to the turfgrass
wherein the formulation bounces off the foliage onto the
soil to control the weeds in the turfgrass without
injuring the turfgrass.

A method for applying one or more postemergence herbicides for controlling weeds to a crop plant without injuring the crop plant, the steps comprising:

5 (a) providing a composition as a formulation comprising at least one herbicide selected from the group consisting of acetanilides, acetamides, acetolactate synthase inhibitors, isoxazoles, diketonitriles, triketonitriles dinitroanilines, triazines, substituted ureas, ethofumerates, isoxafen, oxodiazon, dithiopyr and
10 combinations thereof admixed with a repellent adjuvant wherein the repellent adjuvant modifies surface properties of the formulation thereby reducing retention of the formulation on foliage of crop plants; and

15 (b) applying the formulation to the plants wherein the formulation bounces off the foliage onto the soil wherein the formulation controls the weeds without injuring the crop plant.